Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.





U.S. FOREST SERVICE RESEARCH NOTE

WO-7 DECEMBER 1965

UNITED STATES DEPARTMENT OF AGRICULTURE · WASHINGTON, D.C.

U. S. DEPT. OF AGRICULTURE NATIONAL AGRICULTURAL LIBRARY

Regional Wood Use by Manufacturing Industries 2 5 1966

CURRENT SERIAL RECORDS

Thomas G. Gill, Forest Products Technologist
Division of Forest Economics and Marketing Research
Forest Service, U.S. Department of Agriculture
Washington, D.C.

Use of lumber, plywood, and other wood materials in manufacturing varies widely among regions in the U.S. In 1960 industries in the Southern States consumed about one-third of both lumber and plywood, more than half the veneer, and substantial amounts of the hardboard and particleboard used by all manufacturing industries (table 1, fig. 1). Plants in the Central region used nearly as much lumber and plywood and a third or more of the hardboard and particleboard.

The proportion of wood materials consumed by establishments in the Northeast was from 12 to 27 percent in all forms. Plants in the Pacific region used between 12 and 15 percent, and the Rocky Mountain region used only 2 percent or less of any wood material.

In all regions the furniture and fixture industries were among the largest users of all forms of wood. The millwork, prefabricated wood products, wooden container, and trailer coach industries also were important consumers in each region. Most of the large volumes reported by planing mills, veneer and plywood plants, and hardwood dimension establishments were utilized for manufacturing cut-to-size stock and fabricated parts sold to plants in other industries. For example, a high

TABLE 1.--Wood used in manufacturing industries, by region and form of wood, 1960
(Million units)

| Region ¹ | Lumber | Veneer | Plywood | Hardboard | Particleboard |
|---------------------|---|--------------------------------------|--|--|-------------------------------------|
| | Bd. ft. | Sq. ft. (1-inch) | Sq. ft. (3/8-inch) | Sq. ft. (1/8-inch) | <u>Sq. ft.</u> (3/4-inch) |
| Total ² | 11,742.9 | 426.0 | 2,811.2 | 1,218.1 | 140.8 |
| Pacific | 1,732.8 207.2 3,384.6 2,683.7 3,726.3 | 53.7 1.8 81.3 50.8 238.4 | 425.3 57.4 827.6 581.8 919.1 | 150.3 17.7 483.3 333.4 278.4 | 19.6 2.7 46.3 33.2 39.0 |

See figure 1.

Total includes Major Group 19, Ordnance and accessories, for which regional data is not available.

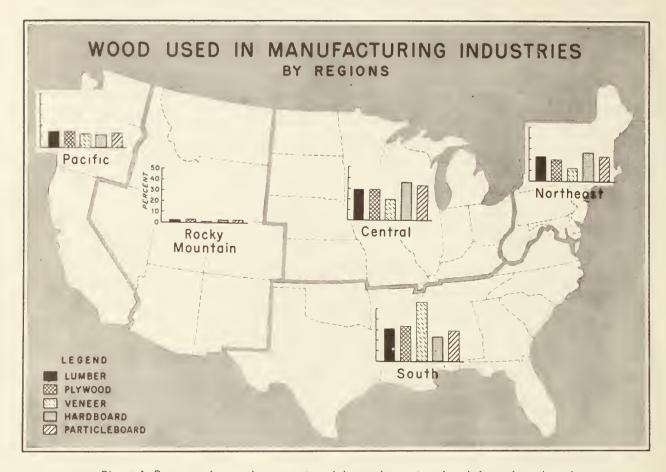


Figure 1.-Percent refers to the proportion of the total quantity of each form of wood used.

proportion of hardwood dimension output goes to the furniture industry. Most box shook made in the plywood industry is assembled in other industries into boxes, baskets, and other products.

Of the lumber consumed in the South, one-fifth was used in the hardwood dimension and flooring industry, and one-fifth in the furniture and fixture industries. Two-thirds of the plywood used in the Southern States went to the wirebound box and crate, furniture and fixture, and prefabricated wood products industries. Over half of the veneer used by manufacturing plants was utilized in the South, principally for wirebound boxes and crates. Hardboard and particleboard in the Southern States were largely used in the furniture and fixture industries.

In the Central region lumber was chiefly used in the millwork and the furniture and fixture industries. More than 70 percent of the

plywood used in the Central States was divided equally among the prefabricated wood products, furniture and fixture, and trailer coach industries. Over 30 percent of the veneer consumed in this region went to the wirebound box and crate industries. Hardboard and particleboard were mainly utilized in the wall-board and the furniture and fixture industries.

The principal use of lumber in the Northeastern States was in the wood products "not elsewhere classified" and the furniture and fixture industries. These two industries bought about 37 percent of all the lumber used by manufacturers in the Northeast. Other large consumers were millwork plants and nailed wooden box and crate plants. Slightly less than half of the plywood used in this area was consumed in the furniture and fixture industries. The principal use of veneer in the Northeast was for containers. Many plants in this area were large users of hardboard for decorative wallboard.

Lumber and plywood in the Pacific and Rocky Mountain regions were primarily used in planing mills and millwork plants, and in the furniture and fixture industries.

These data supplement the information in USDA Statistical Bulletin 353, "Wood Used in Manufacturing Industries." The tables were prepared to meet numerous requests for regional information based on the 1960 survey results. For each form of wood (lumber, veneer, plywood, hardboard, and particleboard) the average establishment consumption was computed for each industry, and the employment size class in the U.S. Regional consumption was estimated by expanding the averages by the number of plants in each of the five regions.

Tables 2-6 show wood use by principal consuming industries arranged to the Standard Industrial Classification. Volume figures include the wood used in the manufacture of primary and secondary products in all establishments in that industry. Wood consumption by industry may differ from that for its primary product because an item may be a primary product of one industry and a secondary product of other industries.

The estimates include the wood used for pallets, containers, jigs, models made and used in the same industry, and dunnage. Not included are purchased wood items, such as cut-to-size stock fabricated parts, containers, and pallets. Wood utilized for these products is reported in the industries where they are made.

TABLE 2.--Lumber used in manufacturing industries, by region, 1960

(Million board feet)

| Industry | Industry | Total | | | Region ² | | | | |
|--|---|---|---|---|--|---|---|--|--|
| number ¹ | Industry | Total | Pacific | Rocky Mountain | Central | North-east 2,683.7 (4) 21.4 1,342.4 60.4 130.2 3.2 266.5 6.9 146.5 232.4 22.1 3.2 4.7 466.3 435.9 205.9 106.3 24.3 11.6 9.7 43.5 34.6 69.6 44.1 25.5 | South | | |
| | Total, all industries 3 | 11,742.9 | 1,732.8 | 207.2 | 3,384.6 | 2,683.7 | 3,726.3 | | |
| 19 | Ordnance and accessories | 8.3 | (4) | (4) | (4) | (4) | (4) | | |
| 20-23 | Tobacco, food, textiles, and apparel | 72.1 | 7.2 | 1.5 | 19.9 | 21.4 | 22.1 | | |
| 24 | Lumber and wood products | 6,909.6 | 1,205.5 | 144.5 | 1,729.9 | 1,342.4 | 2,487.3 | | |
| 2421 2426 | Sawmills and planing mills Hardwood dimension and | 870.4 | 322.9 | 45.4 | 56.7 | 60.4 | 385.0 | | |
| 2429 2431 2432 2433 2441 2442 2443 2445 2499 | flooring | 1,144.1 38.9 1,556.9 130.0 824.3 917.6 232.5 20.0 12.8 1,162.1 | 9.5 14.3 334.5 70.9 115.1 188.9 9.8 .5 | (5) (5) 61.2 .7 16.6 14.2 (5) (5) (5) | 226.4 4.7 543.2 14.5 331.0 198.8 38.8 3.3 5.1 307.4 | 3.2 266.5 6.9 146.5 232.4 22.1 3.2 4.7 | 778.0 16.7 351.5 37.0 215.1 283.3 161.8 13.0 2.2 243.7 | | |
| 25 | Furniture and fixtures | 1,960.6 | 200.1 | 16.8 | 502.0 | | 805.8 | | |
| 2511 2512 2515 2521 2531 | Wood household furniture (except upholstered) Wood household furniture, upholstered Mattresses and bedsprings Wood office furniture Public building furniture | 1,134.8 425.2 84.9 44.7 57.9 | 102.5 52.9 10.7 .9 9.1 | 4.5 5.1 2.0 (5) | 268.1 104.0 23.0 23.1 20.0 | 106.3 24.3 11.6 | 553.8 156.9 24.9 9.1 17.8 | | |
| 254 & 2591 25 | Partitions and fixtures; venetian blinds and shades. Other furniture and fixtures. | 107.8 105.3 | 11.7 12.3 | 1.7 | 37.3 26.5 | | 13.6 29.7 | | |
| 26 | Paper and related products | 185.5 | 17.6 | .6 | 57.1 | 69.6 | 40.6 | | |
| 2621 & 2631 26 | Paper mills (except building and paper board mills) Other paper and related products | 116.8 68.7 | 10.3 | .6 | 33.5 23.6 | | 28.3 | | |
| 27-30 | Printing and publishing; chemicals; petroleum and coal; and rubber and miscellaneous plastic products | 76.1 | 6.9 | 1.7 | 24.7 | 28.3 | 14.5 | | |
| 31 | Leather and leather products | 30.4 | .5 | 2.3 | 5.3 | 20.7 | 1.6 | | |
| 3131 3161 31 | Footwear cut stock Luggage Other leather products | 16.6 10.0 3.8 | .2 .2 .1 | (5) 2.3 (5) | 3.4 1.2 .7 | 5.7 | .8 .6 .2 | | |
| 32 | Stone, clay, and glass products | 348.8 | 96.3 | 6.8 | 94.2 | 84.8 | 66.7 | | |
| 3211 32 | Flat glass Other stone, clay, and glass products | 152.9 | 76.6 | (5) | 26.4 67.8 | 28.9 | 21.0 | | |

See footnotes at end of table.

TABLE 2.--Lumber used in manufacturing industries, by region, 1960--Continued

(Million board feet)

| T | | | Region ² | | | | |
|----------------------|---|---------------|---------------------|-------------------|--------------|----------------|-------------|
| Industry number1 | Industry | Total | Pacific | Rocky Mountain | Central | North- east | South |
| 33 | Primary metal products | 378.3 | 24.6 | 11.5 | 151.2 | 158.5 | 32.5 |
| 331 | Blast furnaces, steel works, | | | | | | |
| 0.05 | and rolling and finishing mills | 197.9 | 11.3 | 2.2 | 74.7 | 94.4 | 15.3 |
| 335 | Nonferrous rolling and draw- ing products | 130.3 | 9.7 | 7.4 | 53.5 | 50.4 | 9.3 |
| 33 | Other primary metal products. | 50.1 | 3.6 | 1.9 | 23.0 | 13.7 | 7.9 |
| 34 | Fabricated metal products | 279.8 | 29.9 | 3.4 | 119.8 | 94.2 | 32.5 |
| 35 | Machinery, except electrical | 473.0 | 30.9 | 4.2 | 228.1 | 158.3 | 51.5 |
| 352 353 | Farm machinery and equipment. Construction and like equip- | 35.6 | 2.6 | .6 | 25.0 | 3.3 | 4.1 |
| | ment | 78.2 | 6.0 | 1.9 | 42.7 | 13.4 | 14.2 |
| 354 355 | Metal working machinery Special industry machinery | 39.6 76.1 | 1.1 3.8 | (5) | 23.0 | 15.0 38.8 | .5 10.5 |
| 356 | General industrial machinery | 10.1 | 0.0 | | | | |
| 3585 | and equipment | 74.5 120.5 | 6.5 6.5 | .5 | 36.3 54.8 | 27.0 43.1 | 4.2 15.4 |
| 35 | Other machinery (except | 120.0 | 0.0 | | | | |
| | electrical) | 48.5 | 4.4 | .5 | 23.3 | 17.7 | 2.6 |
| 36 | Electrical machinery, equip- ment and supplies | 126.6 | 8.4 | .7 | 61.5 | 40.5 | 15.5 |
| 37 | Transportation equipment | 517.2 | 78.0 | 9.8 | 241.3 | 83.8 | 104.3 |
| 3713 | Truck and bus bodies | 30.5 | 4.6 | .5 | 11.5 | 8.0 | 5.9 |
| 3715 | Truck trailers | 19.0 | 3.1 | .5 | 7.2 | 2.9 | 5.3 |
| 3717 | Motor vehicles and parts | 61.5 | 3.8 | (5) | 44.9 | 9.7 | 3.1 |
| 372 373 | Aircraft and parts | 32,6 | 8.9 | .5 | 8.7 | 9.5 | 5.0 |
| 2 (3 | repair | 74.7 | 12.5 | (5) | 11.3 | 24.7 | 26.2 |
| 374 | Railroad equipment | 49.0 | (5) | (5) | 25.1 | 21.3 | 2.6 |
| 3791 37•• | Trailer coaches Other transportation equip- | 236.1 | 41.8 | 8.3 | 126.3 | 5.6 | 54.1 |
| 01 | ment | 13.8 | 3.3 | (5) | 6.3 | 2.1 | 2.1 |
| 38 | Instruments and related | | | | | | |
| | products | 40.0 | 4.3 | .5 | 11.9 | 20.3 | 3.0 |
| 39 | Miscellaneous manufacturing industries | 336.6 | 22.6 | 2.9 | 137.7 | 125.0 | 48.4 |
| 3931 | Musical instruments and parts | 51.4 | 2.0 | (5) | 29.8 | 15.5 | 4.1 |
| 394 | Toys and sporting goods | 140.3 | 9.5 | 1.6 | 52.6 | 59.3 | 17.3 |
| 395 | Office supplies | 10.4 | (5) | (5) | 3,3 | 4.8 | 2.3 |
| 398 1 3988 | Brooms and brushes Morticians goods | 8.7 81.5 | (5) | (5) | 2.4 32.4 | 5.7 | 19.2 |
| 3993 | Signs and advertising dis- | 01.0 | 0.3 | .8 | 02.4 | | 15.4 |
| 39 | plays Other miscellaneous manu- | 35.8 | 4.0 | (5) | 15.3 | 13 | 4.4 |
| | factures | 8.5 | .8 | (5) | 1.9 | 5.3 | .5 |

Two-digit numbers identify Major Groups of the Standard Industrial Classification (SIC); threedigit numbers are industry subgroups of the Major Groups; four-digit numbers identify individual SIC industries. Two-digit numbers followed by two dashes (e.g., 33--) indicate that four-digit industries in an industry group have been combined.

² See figure 1.

³ Major Group 19 is not included in regional volume totals.

⁴ Not available.
5 Less than 50,000 units.

TABLE 3.--Plywood used in manufacturing industries, by region, 1960

(Million square feet, 3/8-inch basis)

| Industry | | | Region ² | | | | | |
|---|---|---|---|---|--|---|---|--|
| number ¹ | Industry | Total | Pacific | Rocky Mountain | Central | North- east | South- ern | |
| | Total, all industries ³ | 2,819.8 | 425.3 | 57.4 | 827.6 | 581.8 | 919.1 | |
| 19 | Ordnance and accessories | 8.6 | (4) | (4) | (4) | (4) | (4) | |
| 20-23 | Tobacco, food, textiles, and apparel | 26.6 | 1.1 | .1 | 5.0 | 10.9 | 9.5 | |
| 24 | Lumber and wood products | 1,351.6 | 215.0 | 31.2 | 333.7 | 201.3 | 570.4 | |
| 2426 2431 2432 2433 2441 2442 2499 24 25 2511 2512 2514 2531 254 & 2591 | Hardwood dimension and flooring | 28.1 307.5 109.2 540.3 55.2 273.2 29.3 8.8 775.8 450.4 10.8 51.0 31.3 | .3 70.4 59.9 65.8 13.0 .1 3.6 1.9 107.2 | (5) 13.3 .7 16.3 .4 (5) .2 .3 11.2 4.2 .2 (5) 1.0 5.2 | 5.9 84.7 9.8 217.8 6.2 .7 7.6 1.0 208.1 112.8 2.5 18.9 9.6 | 2.3 63.9 6.7 81.6 9.0 24.6 12.3 .9 228.3 115.0 2.7 18.7 6.0 | 19.6 75.2 32.1 158.8 26.6 247.8 5.6 4.7 221.0 | |
| 25 26 - 30 | Other furniture and fixtures. Paper and related products; printing and publishing; chemicals; petroleum and coal products; and rubber and miscellaneous plastics products. | 48.8 | 6.8 3.6 | .3 | 9.0 | 17.8 | 2.6 | |
| 31 | Leather and leather products | 41.8 | 1.3 | .4 | 7.9 | 28.6 | 3.6 | |
| 3161 31 | LuggageOther leather | 21.7 | 1.0 | .4 | 4.7 | 13.6 | 2.0 | |
| 31 | products | 20.1 | .3 | (5) | 3.2 | 15.0 | 1.6 | |
| 32 | Stone, clay, and glass products. | 30.9 | 12.5 | .2 | 6.2 | 7.2 | 4.8 | |
| 3211 32 | Flat glass Other stone, clay, and glass | 23.0 | 11.5 | (5) | 4.0 | 3.1 | 3.4 | |
| | products | 7.9 | 1.0 | .2 | | 3.1 | .8 | |
| 33 | Primary metal products | 10.0 | .9 | .4 | 4.7 | 6.4 | 2.2 | |
| 34 | Fabricated metal products | 19.4 | 2.6 | .3 | 7.9 | | | |
| 35 | Machinery, except electrical | 25.0 | 2.5 | .3 | 11.5 | 7.3 | 3.4 | |

See footnotes at end of table.

TABLE 3.--Plywood used in manufacturing industries, by region, 1960--Continued

(Million square feet, 3/8-inch basis)

| Industry | | | Region 2 | | | | | |
|---------------------|--|-----------------------|--------------------|-------------------|-----------------------|---------------------|---------------------|--|
| number ¹ | Industry | Total | Pacific | Rocky Mountain | Central | North- east | South- ern | |
| 36 | Electrical machinery, equip- ment, and supplies | 13.7 | 1.2 | .1 | 5.6 | 5.7 | 1.1 | |
| 37 | Transportation equipment | 428.8 | 70.4 | 11.4 | 208.0 | 46.9 | 92.1 | |
| 3713 373 | Truck and bus bodies Ship- and boatbuilding and | 25.3 | 3.2 | .2 | 11.2 | 5.9 | 4.8 | |
| 374 3791 37 | repair Railroad equipment Trailer coaches Other transportation equip- | 41.7 31.9 290.9 | 6.2 (5) 52.7 | (5) 10.6 | 10.8 15.1 156.0 | 11.5 14.7 7.2 | 13.0 2.1 64.4 | |
| 31 | ment | 39.0 | 8.3 | .4 | 14.9 | 7.6 | 7.8 | |
| 38 | Instruments and related prod- ucts | 11.3 | 1.6 | .1 | 3.3 | 5.4 | .9 | |
| 39 | Miscellaneous manufactures | 48.7 | 5.4 | 1.4 | 16.7 | 18.5 | 6.7 | |
| 394 3993 | Toys and sporting goods Signs and advertising dis- | 10.2 | 1.0 | .2 | 3.7 | 4.2 | 1.1 | |
| 39 | plays Other miscellaneous manu- | 27.5 | 3,6 | 1.1 | 9.2 | 9.2 | 4.4 | |
| | factures | 11.0 | .8 | .1 | 3.8 | 5.1 | 1.2 | |

¹ Two-digit numbers identify Major Groups of the Standard Industrial Classification (SIC); three-digit numbers are industry subgroups of the Major Groups; four-digit numbers identify individual SIC industries. Two-digit numbers followed by two dashes (e.g., 33--) indicate that four-digit industries in an industry group have been combined.

² See figure 1.

³ Major Group 19 is not included in regional volume totals.

⁴ Not available.

⁵ Less than 50,000 units.

TABLE 4. -- Veneer used in manufacturing industries, by region, 1960 (Million square feet, 1-inch basis)

| | | | Region ² | | | | | |
|--|--|---|--|------------------------------|--|---|---|--|
| Industry number ¹ | Industry | Total | Pacific | Rocky Mountain | Central | North- east | South- ern | |
| | Total, all industries ³ | 426.0 | 53,7 | 1.8 | 81.3 | 50.8 | 238.4 | |
| 24 | Lumber and wood products | 354.6 | 47.3 | 1.4 | 57.5 | 36.1 | 212.3 | |
| 2431 2432 2441 2442 2443 24=- | Millwork plants Veneer and plywood plants Nailed wood boxes and shook. Wirebound boxes and crates Veneer and plywood containers Other wood products | 11.9 90.2 38.8 148.8 54.1 10.8 | 2.1 28.5 8.6 6.1 .8 1.2 | .5 .8 .1 (4) (4) | 6.2 12.6 5.5 24.5 5.7 3.0 | 1.1 6.3 5.3 13.2 6.8 3.4 | 2.0 42.0 19.3 105.0 40.8 3.2 | |
| 25 | Furniture and fixtures | 42.0 | 3.5 | .2 | 9.6 | 5.1 | 23.6 | |
| 2511 2521 2531 25 | Wood household furniture (except upholstered) Wood office furniture Public building furniture Other furniture and fixtures. | 33.5 2.1 4.2 2.2 | 2.1 1.0 .4 | (4) (4) (4) .2 | 6.6 1.1 1.1 | 3.6 .5 .6 | 21.2 .5 1.3 .6 | |
| 39 | Miscellaneous manufactures | 17.3 | 1.2 | (4) | 9.9 | 5.3 | .9 | |
| 3983 39 | Matches Other miscellaneous manu- factures | 13.6 | 1.0 | (4) | 8.2 | 3.9 | .5 | |
| | All other industries | 12.1 | 1.7 | .2 | 4.3 | 4.3 | 1.6 | |

¹ Two-digit numbers identify Major Groups of the Standard Industrial Classification (SIC); threedigit numbers are industry subgroups of the Major Groups; four-digit numbers identify individual SIC industries. Two-digit numbers followed by two dashes (e.g., 33--) indicate that four-digit industries in an industry group have been combined.

³ See figure 1. 4 Major Group 19 is not included in regional volume totals.

Less than 50,000 units.

TABLE 5.--Hardboard used in manufacturing industries, by region, 1960

(Million square feet, 1/8-inch basis)

| | | | Region ² | | | | | |
|---|--|---------------------------------------|----------------------------------|-------------------------------|------------------------------------|------------------------------------|-----------------------------------|--|
| Industry number1 | Industry | Total | Pacific | Rocky Mountain | Central | North- east | South | |
| | Total, all industries 3 | 1,218.1 | 150.3 | 17.7 | 438.3 | 333.4 | 278.4 | |
| 24 | Lumber and wood products | 203.3 | 29.5 | 4.5 | 73.1 | 37.2 | 59.0 | |
| 2426 2431 2433 2499 24 | Hardwood dimension and floor- ing Millwork plants Prefabricated wood products Wood products, n.e.c Other wood products | 11.8 68.2 82.8 33.4 7.1 | .8 14.7 7.2 4.7 2.1 | (4) 2.6 1.6 .2 .1 | 2.2 22.6 38.0 8.9 1.4 | 3.3 12.0 7.5 13.1 1.3 | 5.5 16.3 28.5 6.5 2.2 | |
| 25 | Furniture and fixtures | 327.4 | 37.0 | 2.7 | 98.7 | 85.4 | 103.6 | |
| 2511 2514 2531 254 & 2591 25 | Wood household furniture (except upholstered) Metal household furniture Public building furnitures; Partitions and fixtures; venetian blinds and shades. Other furniture and fixtures. | 196.0 45.0 11.3 59.3 15.8 | 19.8 5.3 2.0 8.1 1.8 | .9 (4) .2 1.5 | 48.8 22.0 3.9 18.8 5.2 | 42.0 14.9 1.7 22.1 4.7 | 84.5 2.8 3.5 | |
| 26 | | 216.2 | 22.0 | 1.8 | 67.7 | 95.4 | 29.3 | |
| | Paper and related products | 210.2 | 22.0 | 1.8 | 07.7 | 95.4 | 29.3 | |
| 30 | Rubber and miscellaneous plastic products | 81.1 | 7.9 | .3 | 31.8 | 34.8 | 6.3 | |
| 32 | Stone, clay, and glass products | 63.3 | 5.6 | .7 | 25.2 | 18.5 | 13.3 | |
| 36 | Electrical machinery, equipment and supplies | 44.9 | 9.0 | .7 | 11.9 | 19.6 | 3.7 | |
| 37 | Transportation equipment | 195.3 | 30.9 | 5.6 | 99.6 | 5.4 | 53.8 | |
| 3717 373 | Motor vehicles and parts Ship- and boatbuilding and | 3.5 | .2 | (4) | 2.5 | .6 | .2 | |
| 3791 37 | repair | 2.6 185.4 | .1 29.5 | (4) 5.6 | 1.1 94.5 | .6 3.5 | .8 52.3 | |
| | ment | 3.8 | 1.1 | (4) | 1.5 | .7 | .5 | |
| 39 | Miscellaneous manufactures | 44.7 | 3.9 | . 8 | 15.0 | 20.4 | 4.6 | |
| 394 3933 | Toys and sporting goods Signs and advertising dis- | 24.4 | 1.4 | (4) | 8.3 | 13.1 | 1.6 | |
| 38 | plays Other miscellaneous manu- | 17.3 | 2.2 | .7 | 6.0 | 5.8 | 2.6 | |
| 00 | factures | 3.0 | .3 | .1 | .7 | 1.5 | .4 | |
| | All other industries | 41.9 | 4.5 | .6 | 15.3 | 16.7 | 4.8 | |

¹ Two-digit numbers identify Major Groups of the Standard Industrial Classification (SIC); threedigit numbers are industry subgroups of the Major Groups; four-digit numbers identify individual SIC industries. Two-digit numbers followed by two dashes (e.g., 33--) indicate that four-digit industries in an industry group have been combined.

² See figure 1.

³ Major Group 19 is not included in regional volume totals. Less than 50,000 units.

TABLE 6. -- Particle board used in manufacturing industries, by region, 1960

(Million square feet, 3/4-inch basis)

| Industry | | | | | Region 2 | | |
|-----------------------------------|--|--|--------------------------------------|---------------------------|--------------------------------------|--------------------------------|-------------------------------------|
| number1 | Industry | Total | Pacific | Rocky Mountain | Central | North- east | South- ern |
| | Total, all industries ³ | 140.8 | 19.6 | 2.7 | 46.3 | 33.2 | 39.0 |
| 24 | Lumber and wood products | 34.2 | 6.7 | 1.3 | 12.7 | 5.3 | 8.2 |
| 2431 2432 2433 24 | Millwork plants Veneer and plywood plants Prefabricated wood products Other wood products | 9.5 2.2 20.8 1.7 | 1.7 1.3 3.3 .4 | .4 (₄) .9 | 3.8 .2 8.3 .4 | 1.5 .1 3.4 .3 | 2.1 .6 4.9 .6 |
| 25 | Furniture and fixtures | 88.6 | 9.7 | 1.0 | 26.4 | 23.4 | 28.1 |
| 2511 2512 | Wood household furniture (except upholstered) Wood household furniture, up- | 34.9 | 3.2 | .2 | 7.5 | 5.8 | 18.2 |
| 2514 2521 2531 254 25 | holstered | 1.8 17.9 1.6 6.8 22.3 3.3 | (4) 1.2 .1 1.1 3.4 .7 | (4) (4) (4) .1 | .9 7.3 .9 2.3 6.5 1.0 | 6.7 .4 1.1 8.2 1.0 | .7 2.7 .2 2.2 3.6 .5 |
| 37 | Transportation equipment | 8.1 | 2.1 | •3 | 3.6 | .3 | 1.8 |
| 3791 37 | Trailer coaches Other transportation equip- | 7.8 | 2.0 | .3 | 3.5 | .2 | 1.8 |
| | ment | .3 | .1 | (4) | .1 | .1 | (4) |
| | All other industries | 9.9 | 1.1 | .1 | 3.6 | 4.2 | .9 |

¹ Two-digit numbers identify Major Groups of the Standard Industrial Classification (SIC); threedigit numbers are industry subgroups of the Major Groups; four-digit numbers identify individual SIC industries. Two-digit numbers followed by two dashes (e.g., 33--) indicate that four-digit industries in an industry group have been combined.

4 Less than 50,000 units.

² See figure 1.
3 Major Group 19 is not included in regional volume totals.



